## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Pa	tent Applic	cation of:		-	
Hyun-k	won CHUN	IG et al.			
Applica	tion No.: L	Jnassigned		Group Art l	Jnit: Unassigned
Filed:	3-11-8	yoo		Examiner:	Unassigned
		JCING METH DOCUMENT		JS FOR IN	TERACTIVE MODE USING
		INFO	RMATION DISCLOS	URE STAT	<u>EMENT</u>
PO Box	ssioner for 1450 dria, VA 22		·		
provide subject if it is de	d certain ir U.S. pater eemed ma	nformation what application terial to the e	nich the Examiner ma . It is requested that examination of the sub-	y consider i the Examin oject applica	
1.	1a.	Form PTC Copies of An Englisl application English la each non- Explanation providing List of Cop	IDS citations. In language copy of sen or a PCT Internation inguage translation (continuity in the property of Relevancy of Reservancy of Republications of Republications	earch report nal Search f omplete or o plication. references ( n of each no (ATTACHM	(s) from a counterpart foreign Report. relevant portion(s)) attached to (ATTACHMENT 1(e), hereto) for on-English publication.
2.	2a.	Within thre Continued Within thre § 1.491 in Before the Before the	I Prosecution Applica ee months of the date an international appli mailing of a first Offi	or 2b or 2d g date of a ration under § e of entry of ication. ce Action of ce Action a	c or 2d) national application other than a \$\frac{1}{3} \tag{1.53(d);} the national stage as set forth in

: . : .

Serial No.: Unassigned

3.		This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise closes prosecution in the application, AND  (Check either Item 3a or 3b; Item 3b to be checked if				
		3a. 🗌 3b. 🔲	any reference known for more than 3 months)  The §1.97(e) Statement in Item 5 below is applicable; OR  The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.			
			to be charged to Deposit Account No. 19-3935.			
4.		This Infor specified 4a.	mation Disclosure Statement is filed under 37 CFR §1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND The § 1.97(e) Statement in Item 5 below is applicable; AND			
		4b. 🗌	The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.			
			to be charged to Deposit Account No. 19-3935.			
5.	П	Statemen	t under § 1.97(e) (applicable if Item 3a or Item 4a is checked)			
			(Check either Item 5a or 5b)			
		5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.			
		5b.	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.			
6.	$\boxtimes$	This is a (1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §			
			(Check appropriate Items 6a and/or 6b)			
		6a. 🛚	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No. 10/384,063, filed on March 10, 2003, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).			
		6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.			

Serial No.: Unassigned

7. This is a continuation/divisional application under 37 CFR § 1.53(d) or a ReContinued Examination under 37 CFR 1.114.			d Examination under 37 CFR 1.114.
			(Check either Item 7a or 7b)
		7a. 🗌 7b. 🗍	The Issue Fee has not been paid.  A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.
8.		This is a	Supplemental Information Disclosure Statement.  (Check either Item 8a or 8b)
		8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can
		8b. 🗌	be considered as if properly filed on  This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR § 1.97 and 1.98, mailed
9.			nce with 37 CFR § 1.98, a concise explanation of what is presently d to be the relevance of each non-English language publication is:  (Check appropriate Items 9a, 9b, 9c and/or 9d)
		9a. 🗌	satisfied because all non-English language publications were cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed.)
		9b.	set forth in the application. satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
		9d. 🗌	enclosed as Attachment 1(e), hereto.
10.	be th	e, materia an search	on is made that the information cited in this Statement is, or is considered to I to patentability nor a representation that a search has been made (other report(s) from a counterpart foreign application or a PCT International port, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Dated: 3-11-2004

1201 New York Ave., N.W., Suite 700

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501 By:

Matthew Q. Ammon Registration No. 50,346

Sheet 1 of 1 ATTORNEY DOCKET NO. U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 PATENT AND TRADEMARK OFFICE Unassigned 1293.1691C2 FIRST NAMED INVENTOR LIST OF REFERENCES CITED BY APPLICANT Hyun-kwon CHUNG et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary) Unassigned **U.S. PATENT DOCUMENTS** \*EXAMINER DOCUMENT SUB-**FILING** INITIAL NO. **CLASS** CLASS DATE DATE NAME AA AB AC AD ΑE AF FOREIGN PATENT DOCUMENTS TRANSLATION SUB-DOCUMENT **CLASS** YES NO CLASS NO. DATE COUNTRY AG 10-322640 12/4/98 Japan AH 9-274776 10/21/97 Japan 2001-118321 04/27/01 ΑI Japan AJ 10-136314 5/22/98 Japan AK 10-162018 6/19/98 Japan AL **TRANSLATION** OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) YES NO AM DATE CONSIDERED **EXAMINER** \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTACHMENT 1(F)			
	ATTORNEY DOCKET NO.	APPLICATION NO.	
	1293.1691C2	Unassigned	
LIST OF COPENDING APPLICATIONS	FIRST NAMED INVENTOR		
EIOT OF GOT ENDING AFT EIGATIONS	Hyun-kwon CHUNG et al.		
	FILING DATE	GROUP ART UNIT	
·		Unassigned	

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

## **U.S. PATENT APPLICATION DOCUMENTS**

*EXAMINER					
INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
	1	10/384,063	03/10/2003	Hyun-kwon CHUNG et al.	Samsung Electronics, Co. Ltd.
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	3				
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EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not cit	